Blakely, Sokoloff, Taylor & Zatman LLP (408) 947-8200 Title: Method and Apparatus For Achieving Dynamic Capacity and High Availability in Mutli-Stage Data Networks Using Adaptive

Flow-Based Routing

1st Named Inventor: Chandrasekharan Nilakantan

Express Mail No.: EV301831475US Docket No.: 6728P001

Sheet: 1 of 10

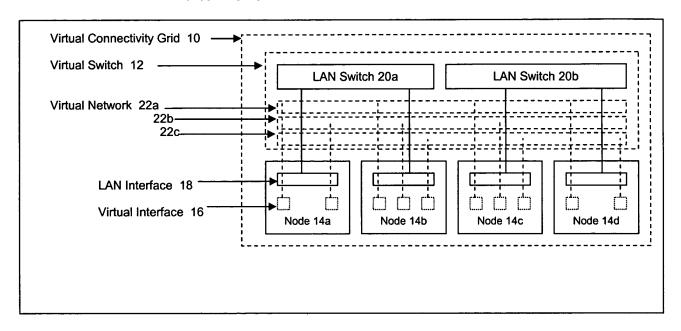


Figure 1

Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8 Title: Method and Apparatus For Achieving Dynamic Capacity and High Availability in Mutli-Stage Data Networks Using Adaptive (408) 947-8200

Flow-Based Routing

1st Named Inventor: Chandrasekharan Nilakantan Express Mail No.: EV301831475US Doc Docket No.: 6728P001

Sheet: 2 of 10

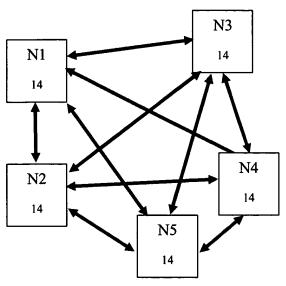


Figure 2A

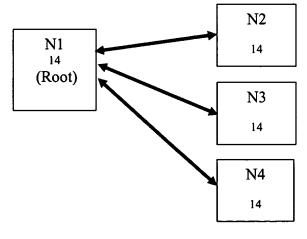


Figure 2B

(408) 947-8200 Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8
Title: Method and Apparatus For Achieving Dynamic Capacity and

High Availability in Mutli-Stage Data Networks Using Adaptive

Flow-Based Routing

1st Named Inventor: Chandrasekharan Nilakantan Express Mail No.: EV301831475US Doc Docket No.: 6728P001

Sheet: 3 of 10

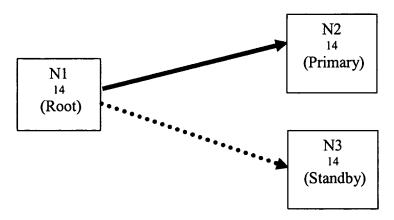
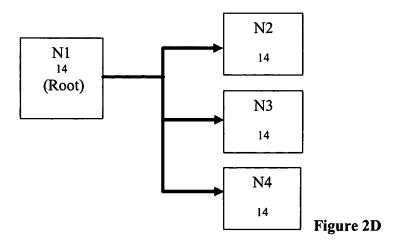


Figure 2C



Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-82 Title: Method and Apparatus For Achieving Dynamic Capacity and High Availability in Mutli-Stage Data Networks Using Adaptive (408) 947-8200

Flow-Based Routing

1st Named Inventor: Chandrasekharan Nilakantan

Docket No.: 6728P001 Express Mail No.: EV301831475US

Sheet: 4 of 10

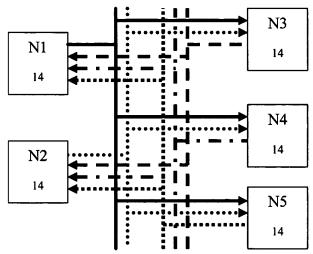


Figure 2E

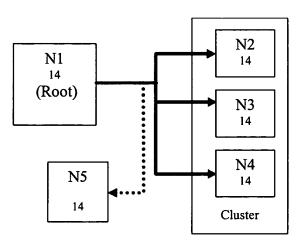


Figure 2F

(408) 947-8200 Blakely, Sokoloff, Taylor & Zafman LLP Title: Method and Apparatus For Achieving Dynamic Capacity and High Availability in Mutli-Stage Data Networks Using Adaptive

Flow-Based Routing

1st Named Inventor: Chandrasekharan Nilakantan

Express Mail No.: EV301831475US

Docket No.: 6728P001

Sheet: 5 of 10

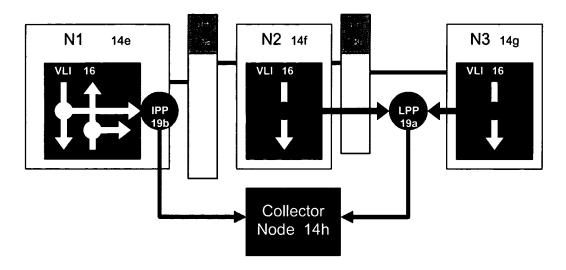
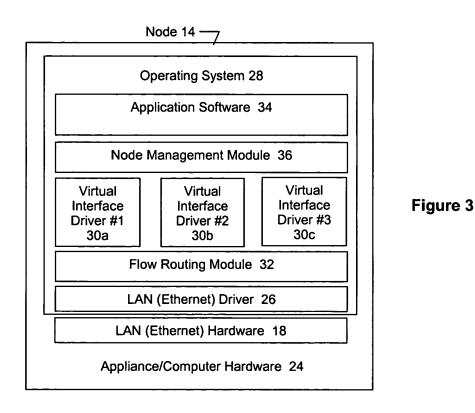


Figure 2G



Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200

Title: Method and Apparatus For Achieving Dynamic Capacity and High Availability in Mutli-Stage Data Networks Using Adaptive

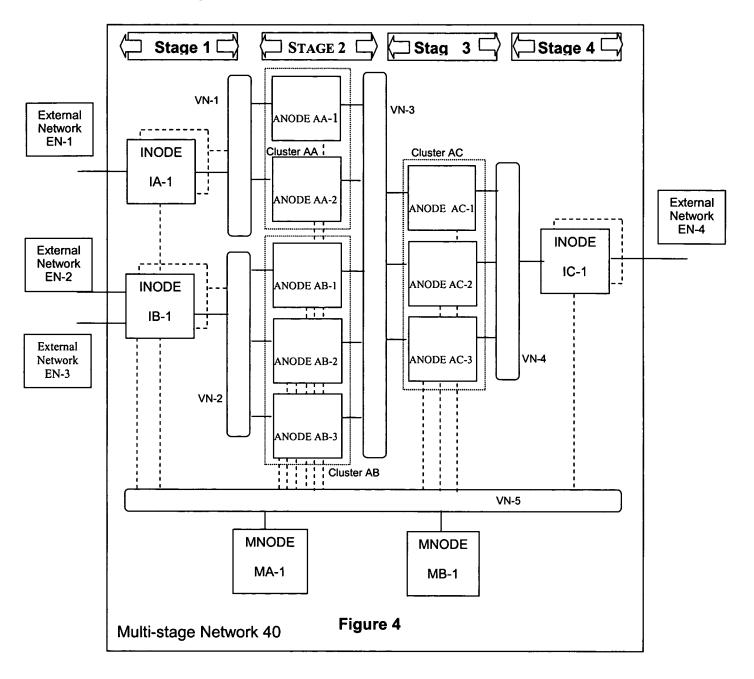
Flow-Based Routing

1st Named Inventor: Chandrasekharan Nilakantan

Express Mail No.: EV301831475US

Docket No.: 6728P001

Sheet: 6 of 10



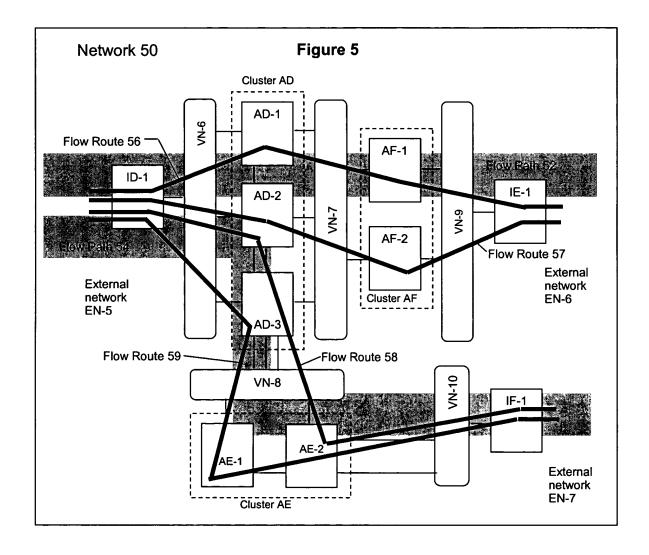
Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and Apparatus For Achieving Dynamic Capacity and High Availability in Mutli-Stage Data Networks Using Adaptive

Flow-Based Routing

1st Named Inventor: Chandrasekharan Nilakantan

Express Mail No.: EV301831475US Docket No.: 6728P001

Sheet: 7 of 10



Blakely, Sokoloff, Taylor & Zafman LLP

(408) 947-8200

Title: Method and Apparatus For Achieving Dynamic Capacity and High Availability in Mutli-Stage Data Networks Using Adaptive

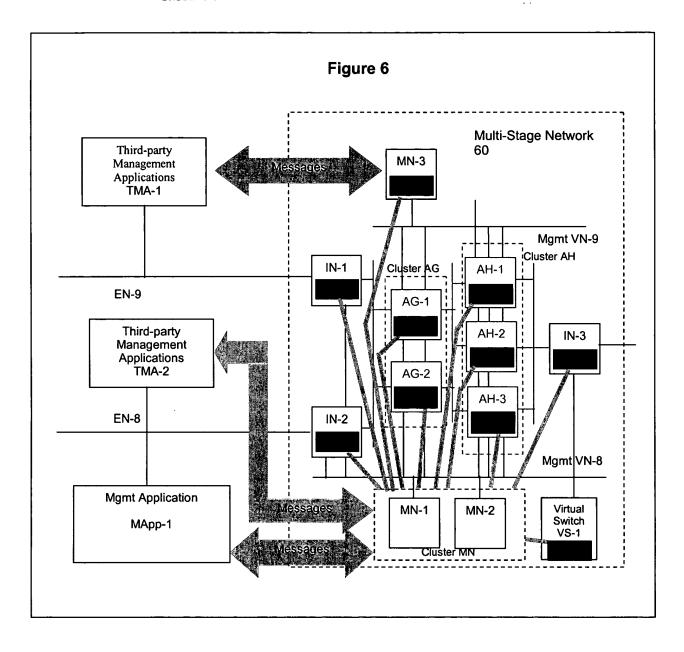
Flow-Based Routing

1st Named Inventor: Chandrasekharan Nilakantan

Express Mail No.: EV301831475US

Docket No.: 6728P001

Sheet: 8 of 10



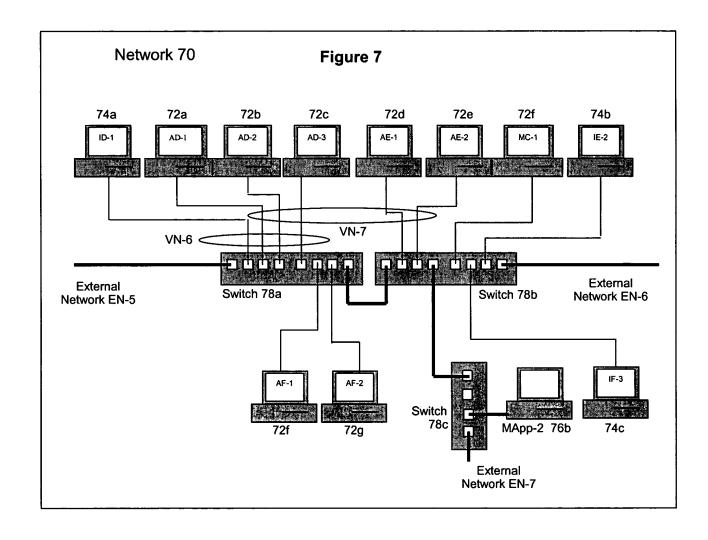
Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and Apparatus For Achieving Dynamic Capacity and High Availability in Mutli-Stage Data Networks Using Adaptive Flow-Based Routing

1st Named Inventor: Chandrasekharan Nilakantan

Express Mail No.: EV301831475US

Docket No.: 6728P001

Sheet: 9 of 10



Blakely, Sokoloff, Taylor & Zafman LLP (408) 947-8200 Title: Method and Apparatus For Achieving Dynamic Capacity and High Availability in Mutli-Stage Data Networks Using Adaptive

Flow-Based Routing

1st Named Inventor: Chandrasekharan Nilakantan

Express Mail No.: EV301831475US

Docket No.: 6728P001

Sheet: 10 of 10

